

Recommendation 11-1R2

**USE OF THE BAND 1670-1710 MHz FOR METEOROLOGICAL  
SATELLITE SERVICES**

The SFCG,

CONSIDERING

- a) that the ITU Radio Regulations allocate the band 1670-1710 MHz to the Meteorological Satellite Service on a primary basis;
- b) that the band could be used for both geostationary and low-earth orbiting satellites and their associated earth stations with thousands of stations worldwide;
- c) that low-earth orbiting satellites, operating in bands below 1698 MHz have caused interference to geostationary transmissions.

RECOMMENDS

- 1. that the band 1670-1690 MHz be used for main earth stations at relatively few fixed locations for reception of raw image data and data collection from geostationary meteorological satellites;
- 2. that the band 1683-1690 MHz also be used for user stations for data dissemination (GVAR and S-VISSR) from geostationary meteorological satellites;
- 3. that the band 1690-1698 MHz be used for direct read-out services, data collection platform observations and data dissemination from geostationary meteorological satellites to user stations;
- 4. that the band 1698-1710 MHz be used for direct read-out and prerecorded image data transmissions from non-geostationary meteorological satellites.